

**A VIBRATION FILTER FOR A TRANSMISSION WITH AUTOMATIC,
CONTINUOUS OR DISCONTINUOUS, GEARCHANGE, ESPECIALLY
FOR A MOTOR VEHICLE**

ABSTRACT

- 5 In a vibration filter for a transmission with automatic gear changing for
a motor vehicle, including a torsion damper disposed between an input
or driving element arranged to be driven in rotation by the crankshaft
of the motor vehicle engine, and an output or driven shaft arranged to
be coupled to an input shaft or driven shaft of the transmission, the
10 torsion damper includes elastic means: the stiffness of the damper is
variable and is obtained by virtue of the said elastic means, which are
in the form of helical springs oriented substantially radially; the input
element is a primary flywheel (10) which has at its radially inner
periphery an axial flange (12) for supporting a bearing (13) which
15 centres and guides in rotation a secondary inertial flywheel (20)
constituting the output element.

20 [Figure 1]